

In the Claims

Please replace the claims with the following rewritten listing:

1. (Currently Amended) Resonant detection or identification antenna of the type comprising at least one turn which comprises at least one electrically conducting wire and is connected to a transponder electronic chip, the operating frequency of said antenna being greater than or equal to 10 MHz, an area defined by said at least one turn being substantially less than or equal to 0.30 m², wherein a total capacitance of the antenna is substantially greater than or equal to 140 pF and a Q-factor of said at least one turn is substantially greater than or equal to 30, wherein the transponder chip has a first capacitor of predetermined value and wherein a second capacitor is placed in parallel with the electronic chip in such a way that the overall capacitance of the antenna is greater than or equal to 140 pF.
2. (Cancelled)
3. (Previously Presented) Resonant antenna according to Claim 1, wherein the said at least one turn has mechanical properties suitable for the antenna to retain by itself a predetermined shape.
4. (Previously Presented) Resonant antenna according to Claim 1, wherein said at least one turn is fastened to a support.
5. (Previously Presented) Resonant antenna according to Claim 1, wherein said at least one turn comprises a single-strand wire.
6. (Previously Presented) Resonant antenna according to Claim 1, wherein said at least one turn comprises a wire formed from seven strands and a diameter of which is substantially equal to 0.25 mm.

7. (Previously Presented) Resonant antenna according to Claim 1, wherein said at least one turn takes a form of a track deposited on a substrate and a width and a thickness of which are substantially equal to at least 1.4 mm and 35 μm respectively.
8. (Previously Presented) Resonant antenna according to Claim 1, wherein the antenna comprises a single turn.
9. (Previously Presented) Resonant antenna according to Claim 8, wherein the single turn is chosen from one of rectangular shapes having recessed corners and rectangular shapes having cut corners.
10. (Previously Presented) Resonant antenna according to Claim 1, wherein the antenna comprises a first turn and a second turn which is placed inside the first turn and an area of the second turn lies substantially between 10% and 90% of an area of the first turn.
11. (Previously Presented) Resonant antenna according to Claim 10, wherein the area of the second turn is substantially equal to half the area of the first turn.